

I claim:

1. A flow control apparatus for a flush valve of a toilet, comprising:
 - a flow control valve having a flexible valve casing which has a valve opening with a diameter alterable responding to variations of water pressure; and
 - a filter for filtering intake water at one end of a water pipe.
2. The flow control apparatus of claim 1, wherein the flow control valve and the filter are assembled in an integrated manner and installed between the flush valve and a water inlet tube of the toilet.
3. The flow control apparatus of claim 1, wherein the flow control valve and the filter are separately installed between the flush valve and a water inlet tube of the toilet.
4. The flow control apparatus of claim 3, wherein the filter is separately installed on a front section of the flush valve.
5. The flow control apparatus of claim 1, wherein the flow control valve is separately installed on a rear section of the flush valve.
6. The flow control apparatus of claim 1, wherein the flow control valve is separately installed on a front section of the flush valve.
7. The flow control apparatus of claim 1, wherein the flow control valve includes a rigid pressure receiving element located on one side thereof.
8. The flow control apparatus of claim 7, wherein the flow control valve is separately installed on a front section of the flush valve and the pressure

receiving element faces water intake direction.

9. The flow control apparatus of claim 7, wherein the flow control valve is separately installed on a rear section of the flush valve and the pressure receiving element faces water outflow direction.